Work Order ID 82552

April-03-12 8:31:43 AM

82552

Item ID: 41232-200-005-001

Accept *N900040100*

Setup Start *NS1*

Stop *NS2*

Revision ID:

Item Name: Spacer (Step Actuator)

Start Date: 03/04/2012 **Start Qty:** 4.00 *4*

Required Date: 17/04/2012 **Req'd Qty:** 4.00 *4*

Cust Item ID:

Customer:

Reference:

Approvals: **Process Plan:** MLJ **Date:** 12/04/03 **Tooling:** **Date:**

QC: **Date:** **SPC (Y/N):** **Date:**

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp

Draw Nbr	Revision Nbr
41232-200-005	Rev IR

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
100 *100* Hardinge Hardinge CNC Lathe Small	Hardinge CNC LATHE SMALL **Memo** 1-TURN AS ~~PER~~ FOLIO FA680 & DWG 41232-200-005 ,FOLIO REV:______DWG REV:_______ 2-DEBURR AS REQUIRED Manual	0.00 0.00	[signature] 12-4-24			4			
110 *110* QC Quality Control	QC2- Inspect parts off machine FAI/FAIB **Memo**	0.00 0.00	[signature] 12-4-24			4			
120 *120* QC Quality Control	QC8- Inspect parts - second check **Memo**	0.00 0.00	[signature] 12/4/24			4			

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Work Order ID 82552

April-03-12 8:31:43 AM

82552

Item ID: 41232-200-005-001 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID:

Item Name: Spacer (Step Actuator) **Stop** *NS2*

Start Date: 03/04/2012 **Start Qty:** 4.00 *4* **Cust Item ID:**

Required Date: 17/04/2012 **Req'd Qty:** 4.00 *4* **Customer:**

Reference:

Approvals: **Process Plan:** ____ **Date:** ____ **Tooling:** ____ **Date:** ____ **Run Start** *NR1*

QC: ____ **Date:** ____ **SPC (Y/N):** ____ **Date:** ____ **Stop** *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: ST 3 ay	0.00							
	Memo	0.00				SP 4x			12-04-24
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release	0.00							
	Memo	0.00					12/4/25		

12-04-25

Dart Aerospace Ltd

W/O:	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ PAR #: _______ Fault Category: __________________ NCR: Yes No DQA: _____ Date: _________

Resolution: ____________________ Disposition: ____________________ QA: N/C Closed: __________ Date: _________

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Picklist Print

April-03-12 8:31:47 AM

Work Order ID: 82552

82552

Parent Item: 41232-200-005-001

41232-200-005-001

Parent Item Name: Spacer (Step Actuator)

Start Date: 03/04/2012 **Required Date:** 17/04/2012

Start Qty: 4.00 **Required Qty:** 4.00

Comments: IPP Rev:A New Issue 07-03-01 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELRINR0.500 *MDELRINR0.500* Delrin Round Bar .50"		Purchased	No			100	f	58.0070	0.036 **	0.151579			

Location	Loc Qty	Loc Code
MAT055	58.007	
109571	10.647	
18355	47.36	

.25 12-4-24

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
			Corrective Action Section B					
DATE	**STEP**	**Description of NC** Section A	**Initial** Chief Eng	**Action Description** Chief Eng	**Sign & Date**	**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	82552
Description: Spacer	Part Number:	41232-200-005-001
Inspection Dwg: 41232-200-005 Rev: IR		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

[X] First Article [ ] Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.375	+/-0.010	.376	—		RA26	Vern
Ø0.250	+0.005/-0.001	.251	—		"	"
0.436	+/-0.010	.441	—		"	

Measured by:	[signature]	Audited by:	[signature]	Prototype Approval:	N/A
Date:	12-4-24	Date:	12/4/24	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.12.02	New Issue	KJ/DD [signature]	[signature]

Dart Aerospace Ltd

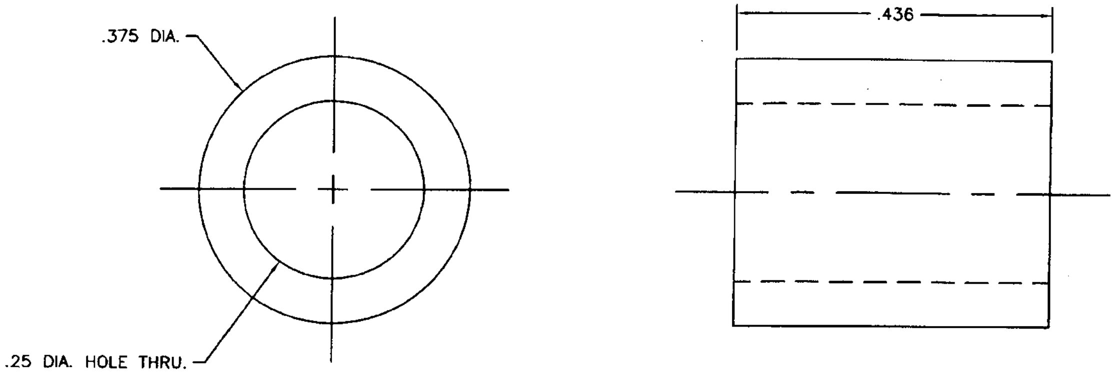
W/O:	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ______________ **PAR #:** _______ **Fault Category:** ______________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ______________ **Disposition:** ______________ **QA: N/C Closed:** __________ **Date:** _________

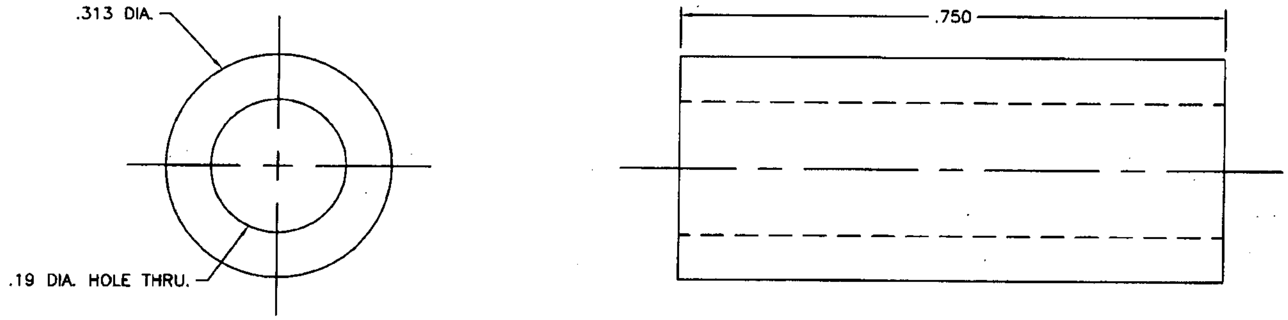
NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



<u>-001 SPACER</u>

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 82552 MW
12/04/03



<u>-003 SPACER</u>

NO. REQ'D PER ASSY	PART NO.	NAME	STOCK SIZE	MATERIAL	MATL.SPEC	ZONE
	-003	SPACER	.313" x .750	ACETRON N.S.	CADILLAC PLASTICS, FORT WORTH, TX.	
	-001	SPACER	.375" x .436	ACETRON N.S.	CADILLAC PLASTICS, FORT WORTH, TX.	

LIST OF MATERIAL

DASH NO.	REQ'D PER ASSY	NEXT ASSEMBLY	MOL
-003	4	41232-200-001	
-001	6	41232-000-001	

PROPRIETARY RIGHTS NOTICE
THESE DATA ARE PROPRIETARY TO ERA AVIATION, INC. DISCLOSURE, REPRODUCTION, OR USE OF THESE DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM ERA AVIATION, INC. THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.

UNLESS OTHERWISE SPECIFIED
X.±.1
XX.±.03
XXX.±.010
ANGLES ±.1/2°

DRFTSMN	D. NELSON	5/29/02
CHECK	D. MURPHY	5/29/02
STRESS		
PROJ. ENGR.		
HEAT TREAT		
FINISH		

TITLE	SPACER
DWG. SIZE	C
SCALE	1 : .125
DWG. NO.	41232-200-005
REV.	IR

Era Aviation, Inc.

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
			Corrective Action Section B					
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE